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PAT-NO: JP406098604A
DOCUMENT-IDENTIFIER: JP 06098604 A
TITLE: TINE FOR AERATION IN LAWN
MAINTENANCE MACHINE
PUBN-DATE: April 12, 1994

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APPL-NO: JP04249911

APPL-DATE: September 18, 1992

INT-CL (IPC): A01B045/02

US-CL-CURRENT: 172/21

ABSTRACT:

PURPOSE: To obtain a tine for aeration of lawn excellent in wear resistance and enabling efficient aeration works to be continued for a long time on lawn, by monolithically connecting a tapered inserting cylinder made of cemented carbide to the tip of a grip cylinder made of steel.

CONSTITUTION: In a tine for the aeration works for the lawn on the putting green, tee ground or fairway in golf courses, soccer fields or other parks, the tine body is made up of (A) a grip cylinder 2, a straight cylindrical form, for machine connection, gripped by the chuck member 10 for an aeration machine and (B) a tapered inserting cylinder 3 connected to the lower end of this grip cylinder 2, the tip edge of the inserting cylinder 3 is provided with an edge part 2a, the grip cylinder 2 is made of a steel material such as carbon steel having somewhat deflection capability, while the inserting cylinder 3 is made of highly wear-resistant cemented carbide prepared by melting and sintering tungsten carbide with cobalt, thus obtaining the tine usable continuously for a long time.

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(19)日本国特許庁(JP)

(12) 公開特許公報(A)

(11)特許出願公開番号

特開平6-98604

(43)公開日 平成6年(1994)4月12日

(51)Int.Cl.⁵

A 0 1 B 45/02

識別記号

庁内整理番号

9020-2B

F I

技術表示箇所

審査請求 有 請求項の数 4(全 5 頁)

(21)出願番号 特願平4-249911

(22)出願日 平成4年(1992)9月18日

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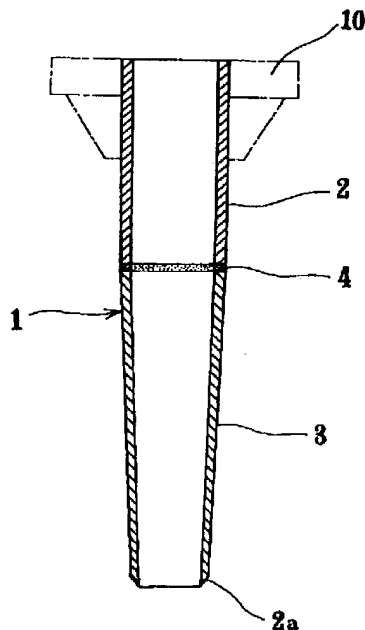
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(54)【発明の名称】 芝生管理機のエアレーション用ティン

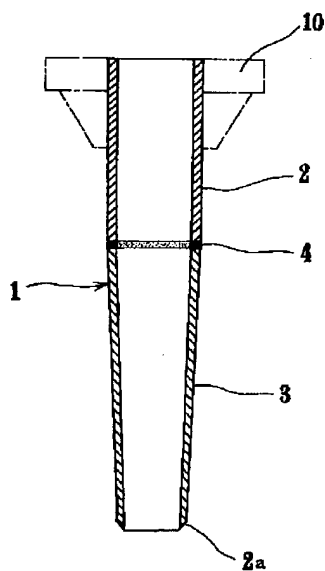
(57)【要約】

【目的】 耐摩耗性に優れて長時間にわたって継続使用することができる芝生管理機のエアレーション用ティンを提供すること。

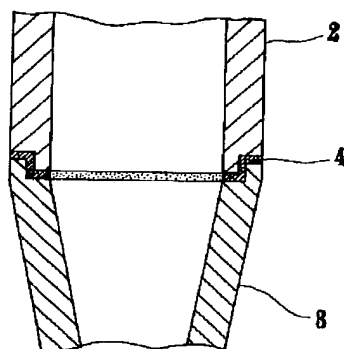
【構成】 超硬合金よりなる先細テーパ状の差込筒部3を鋼材よりなる把持筒部2の先端に連結一体化したものの。



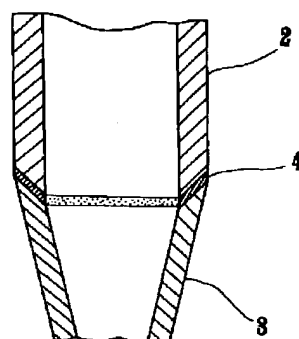
【図1】



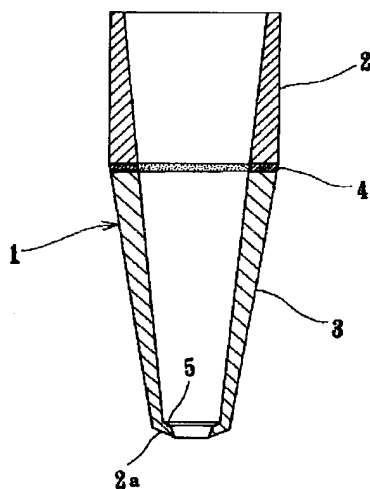
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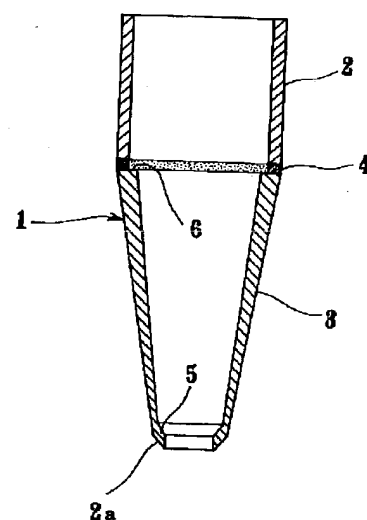
【図3】



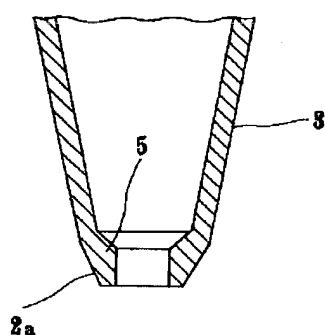
【図5】



【図6】



【図4】



【図7】

